

CERTIFICATION OF REACH & RoHS COMPLIANCE

June 27, 2024

REACH

Elmet Technologies LLC certifies that all of its molybdenum and tungsten products meet Regulation (EC) No. 1907/2006 of The European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

We further certify that none of the materials identified in the revision of the SVHC listing in effect as of the date of this notice are in use in Elmet Technologies processes or knowingly incorporated into any final products. Based on the above, registration and notification of substances in articles with the Agency is not required.

RoHS

Elmet Technologies LLC certifies that all of its products meet EU Directive (EU) 2015/863 of 07-09-2021 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast).

Elmet Technologies LLC provides this certification, to the best of its ability, and further certifies that these substances are not knowingly added to any of our final products.

Dan Drinan
Director of Quality & Continuous Improvement

REACH SVHC AND ROHS LISTS

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REACH SVHC LIST

NAME	EC number	Date of inclusion	In use in product? Y/N	Comment
Bis(α,α-dimethylbenzyl) peroxide	201-279-3	6/27/2024	N	
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	10/28/2008	N	
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	10/28/2008	N	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	10/28/2008	N	
Anthracene	204-371-1	10/28/2008	N	
Benzyl butyl phthalate (BBP)	201-622-7	10/28/2008	N	
Bis(tributyltin)oxide (TBTO)	200-268-0	10/28/2008	N	
Diarsenic pentaoxide	215-116-9	10/28/2008	N	
Diarsenic trioxide	215-481-4	10/28/2008	N	
Dibutyl phthalate (DBP)	201-557-4	10/28/2008	N	
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: - Alpha-hexabromocyclododecane - Beta-hexabromocyclododecane - Gamma-hexabromocyclododecane	247-148-4 221-695-9	10/28/2008	N	
Lead hydrogen arsenate	232-064-2	10/28/2008	N	
Sodium dichromate	234-190-3	10/28/2008	N	
Triethyl arsenate	427-700-2	10/28/2008	N	
2,4-Dinitrotoluene	204-450-0	1/13/2010	N	
Anthracene oil	292-602-7	1/13/2010	N	
Anthracene oil, anthracene-low	292-604-8	1/13/2010	N	
Anthracene oil, anthracene paste	292-603-2	1/13/2010	N	
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	1/13/2010	N	
Anthracene oil, anthracene paste, distr. lights	295-278-5	1/13/2010	N	
Diisobutyl phthalate (DIBP)	201-553-2	1/13/2010	N	
Lead chromate	231-846-0	1/13/2010	N	
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	1/13/2010	N	
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1/13/2010	N	
Pitch, coal tar, high temp.	266-028-2	1/13/2010	N	
Tris(2-chloroethyl)phosphate	204-118-5	1/13/2010	N	
Acrylamide	201-173-7	3/30/2010	N	
Trichloroethylene	201-167-4	6/18/2010	N	
Boric acid	233-139-2 234-343-4	6/18/2010	N	
Disodium tetraborate, anhydrous	215-540-4	6/18/2010	N	
Tetraboron disodium heptaoxide, hydrate	235-541-3	6/18/2010	N	
Potassium dichromate	231-906-6	6/18/2010	N	
Ammonium dichromate	232-143-1	6/18/2010	N	
Potassium chromate	232-140-5	6/18/2010	N	
Sodium chromate	231-889-5	6/18/2010	N	
Cobalt(II) sulphate	233-334-2	12/15/2010	N	
Cobalt(II) dinitrate	233-402-1	12/15/2010	N	
Cobalt(II) carbonate	208-169-4	12/15/2010	N	
Cobalt(II) diacetate	200-755-8	12/15/2010	N	
2-Methoxyethanol	203-713-7	12/15/2010	N	
2-Ethoxyethanol	203-804-1	12/15/2010	N	
Chromium trioxide	215-607-8	12/15/2010	N	
Acids generated from chromium trioxide and their oligomers. Group containing: Chromic acid, Dichromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	231-801-5 236-881-5	12/15/2010	N	
2-Ethoxyethyl acetate	203-839-2	6/20/2011	N	
Strontium chromate	232-142-6	6/20/2011	N	
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	6/20/2011	N	
Hydrazine	206-114-9	6/20/2011	N	
1-Methyl-2-pyrrolidone	212-828-1	6/20/2011	N	
1,2,3-Trichloropropane	202-486-1	6/20/2011	N	
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	6/20/2011	N	

Cobalt dichloride	231-589-4	20.06.2011 28.10.2008	N	
Calcium arsenate	231-904-5	12/19/2011	N	
Bis(2-methoxyethyl) ether	203-924-4	12/19/2011	N	
Potassium hydroxyoctaoxodizincatedichromate	234-329-8	12/19/2011	N	
Lead dipicrate	229-335-2	12/19/2011	N	
N,N-dimethylacetamide	204-826-4	12/19/2011	N	
Arsenic acid	231-901-9	12/19/2011	N	
2-Methoxyaniline; o-Anisidine	201-963-1	12/19/2011	N	
Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight.	-	12/19/2011	N	
Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight.	-	12/19/2011	N	
Trilead diarsenate	222-979-5	12/19/2011	N	
1,2-dichloroethane	203-458-1	12/19/2011	N	
Pentazinc chromate octahydroxide	256-418-0	12/19/2011	N	
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	12/19/2011	N	
Formaldehyde, oligomeric reaction products with aniline	500-036-1	12/19/2011	N	
Bis(2-methoxyethyl) phthalate	204-212-6	12/19/2011	N	
Lead diazide, Lead azide	236-542-1	12/19/2011	N	
Lead styphnate	239-290-0	12/19/2011	N	
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	12/19/2011	N	
Phenolphthalein	201-004-7	12/19/2011	N	
Dichromium tris(chromate)	246-356-2	12/19/2011	N	
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	208-953-6	6/18/2012	N	
Formamide	200-842-0	6/18/2012	N	
Diboron trioxide	215-125-8	6/18/2012	N	
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	6/18/2012	N	
Lead(II) bis(methanesulfonate)	401-750-5	6/18/2012	N	
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	6/18/2012	N	
α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	229-851-8	6/18/2012	N	
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	219-943-6	6/18/2012	N	
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	6/18/2012	N	
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	209-218-2	6/18/2012	N	
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	6/18/2012	N	
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	423-400-0	6/18/2012	N	
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	6/18/2012	N	
Pyrochlore, antimony lead yellow	232-382-1	12/19/2012	N	
6-methoxy-m-toluidine (p-cresidine)	204-419-1	12/19/2012	N	
Henicosfluoroundecanoic acid	218-165-4	12/19/2012	N	
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	247-094-1 243-072-0 256-356-4 260-566-1	12/19/2012	N	

Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	201-604-9 236-086-3 238-009-9	12/19/2012	N	
Dibutyltin dichloride (DBTC)	211-670-0	12/19/2012	N	
Lead bis(tetrafluoroborate)	237-486-0	12/19/2012	N	
Lead dinitrate	233-245-9	12/19/2012	N	
Silicic acid, lead salt	234-363-3	12/19/2012	N	
4-Aminoazobenzene	200-453-6	12/19/2012	N	
Lead titanium zirconium oxide	235-727-4	12/19/2012	N	
Lead monoxide (lead oxide)	215-267-0	12/19/2012	N	
o-Toluidine	202-429-0	12/19/2012	N	
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	12/19/2012	N	
Silicic acid (H ₂ SiO ₅), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	272-271-5	12/19/2012	N	
Trilead bis(carbonate)dihydroxide	215-290-6	12/19/2012	N	
Furan	203-727-3	12/19/2012	N	
N,N-dimethylformamide	200-679-5	12/19/2012	N	
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	12/19/2012	N	
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	12/19/2012	N	
4,4'-methylenedi-o-toluidine	212-658-8	12/19/2012	N	
Diethyl sulphate	200-589-6	12/19/2012	N	
Dimethyl sulphate	201-058-1	12/19/2012	N	
Lead oxide sulfate	234-853-7	12/19/2012	N	
Lead titanium trioxide	235-038-9	12/19/2012	N	
Acetic acid, lead salt, basic	257-175-3	12/19/2012	N	
[Phthalato(2-)]dioxotrilead	273-688-5	12/19/2012	N	
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9	12/19/2012	N	
N-methylacetamide	201-182-6	12/19/2012	N	
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	12/19/2012	N	
1,2-Diethoxyethane	211-076-1	12/19/2012	N	
Tetralead trioxide sulphate	235-380-9	12/19/2012	N	
N-pentyl-isopentylphthalate	-	12/19/2012	N	
Dioxobis(stearato)trilead	235-702-8	12/19/2012	N	
Tetraethyllead	201-075-4	12/19/2012	N	
Pentalead tetraoxide sulphate	235-067-7	12/19/2012	N	
Pentacosafuorotridecanoic acid	276-745-2	12/19/2012	N	
Tricosafuorododecanoic acid	206-203-2	12/19/2012	N	
Heptacosafuorotetradecanoic acid	206-803-4	12/19/2012	N	
1-bromopropane (n-propyl bromide)	203-445-0	12/19/2012	N	
Methoxyacetic acid	210-894-6	12/19/2012	N	
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	12/19/2012	N	
Methyloxirane (Propylene oxide)	200-879-2	12/19/2012	N	
Trilead dioxide phosphonate	235-252-2	12/19/2012	N	
o-aminoazotoluene	202-591-2	12/19/2012	N	
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	12/19/2012	N	
4,4'-oxydianiline and its salts	202-977-0	12/19/2012	N	
Orange lead (lead tetroxide)	215-235-6	12/19/2012	N	
Biphenyl-4-ylamine	202-177-1	12/19/2012	N	
Diisopentylphthalate	210-088-4	12/19/2012	N	
Fatty acids, C16-18, lead salts	292-966-7	12/19/2012	N	
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	12/19/2012	N	
Sulfurous acid, lead salt, dibasic	263-467-1	12/19/2012	N	
Lead cyanamidate	244-073-9	12/19/2012	N	
Cadmium	231-152-8	6/20/2013	N	
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	6/20/2013	N	
Pentadecafluorooctanoic acid (PFOA)	206-397-9	6/20/2013	N	
Dipentyl phthalate (DPP)	205-017-9	6/20/2013	N	

4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-	6/20/2013	N	
Cadmium oxide	215-146-2	6/20/2013	N	
Trixylyl phosphate	246-677-8	12/16/2013	N	
Lead di(acetate)	206-104-4	12/16/2013	N	
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	202-506-9	12/16/2013	N	
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	12/16/2013	N	
Cadmium sulphide	215-147-8	12/16/2013	N	
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	217-710-3	12/16/2013	N	
Dihexyl phthalate	201-559-5	12/16/2013	N	
Cadmium chloride	233-296-7	6/16/2014	N	
Sodium peroxometaborate	231-556-4	6/16/2014	N	
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	6/16/2014	N	
Sodium perborate; perboric acid, sodium salt	239-172-9 234-390-0	6/16/2014	N	
Cadmium fluoride	232-222-0	12/17/2014	N	
Cadmium sulphate	233-331-6	12/17/2014	N	
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	12/17/2014	N	
reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	/	12/17/2014	N	
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	12/17/2014	N	
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	12/17/2014	N	
Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	28.10.2008 17.12.2014	N	
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	271-094-0 272-013-1	6/15/2015	N	
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	/	6/15/2015	N	
1,3-propanesultone	214-317-9	12/17/2015	N	
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	12/17/2015	N	
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	12/17/2015	N	
Nitrobenzene	202-716-0	12/17/2015	N	
Perfluorononan-1-oic-acid and its sodium and ammonium salts	206-801-3	12/17/2015	N	
Benzo[def]chrysene	200-028-5	6/20/2016	N	
p-(1,1-dimethylpropyl)phenol	201-280-9	1/12/2017	N	
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	/	1/12/2017	N	
4-Heptylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	/	1/12/2017	N	
4,4'-isopropylidenediphenol	201-245-8	1/12/2017	N	
Perfluorohexane-1-sulphonic acid and its salts	/	7/7/2017	N	
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	/	1/15/2018	N	
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus™")	/	1/15/2018	N	
Chrysene	205-923-4	1/15/2018	N	
Cadmium nitrate	233-710-6	1/15/2018	N	
Cadmium hydroxide	244-168-5	1/15/2018	N	
Cadmium carbonate	208-168-9	1/15/2018	N	
Benz[a]anthracene	200-280-6	1/15/2018	N	
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	209-008-0	6/27/2018	N	
Benzo[ghi]perylene	205-883-8	6/27/2018	N	
Decamethylcyclopentasiloxane	208-764-9	6/27/2018	N	
Dicyclohexyl phthalate	201-545-9	6/27/2018	N	
Disodium octaborate	234-541-0	6/27/2018	N	

Dodecamethylcyclohexasiloxane	208-762-8	6/27/2018	N	
Ethylenediamine	203-468-6	6/27/2018	N	
Lead	231-100-4	6/27/2018	N	
Octamethylcyclotetrasiloxane	209-136-7	6/27/2018	N	
Terphenyl, hydrogenated	262-967-7	6/27/2018	N	
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 3-benzylidene camphor; 3-BC	239-139-9	1/15/2019	N	
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	1/15/2019	N	
Benzo[k]fluoranthene	205-916-6	1/15/2019	N	
Fluoranthene	205-912-4	1/15/2019	N	
Phenanthrene	201-581-5	1/15/2019	N	
Pyrene	204-927-3	1/15/2019	N	
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof	/	7/16/2019	N	
2-methoxyethyl acetate	203-772-9	7/16/2019	N	
4-tert-butylphenol	202-679-0	7/16/2019	N	
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4- nonylphenol, branched and linear (4-NP)	/	7/16/2019	N	
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	1/16/2020	N	
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	1/16/2020	N	
Diisohexyl phthalate	276-090-2	1/16/2020	N	
Perfluorobutane sulfonic acid (PFBS) and its salts	/	1/16/2020	N	
1-vinylimidazole	214-012-0	6/25/2020	N	
2-methylimidazole	211-765-7	6/25/2020	N	
butyl 4-hydroxybenzoate	202-318-7	6/25/2020	N	
Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	6/25/2020	N	
Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7	1/19/2021	N	
Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety dioctyl tin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs. EC No.: - CAS No.: - Stannane, dioctyl-, bis(coco acyloxy) derivs. EC No.: 293-901-5 CAS No.: 91648- 39-4 Diocetyl tin dilaurate EC No.: 222-883-3 CAS No.: 3648-18-8	/	1/19/2021	N	
1,4-dioxane	204-661-8	7/8/2021	N	
2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1- propanol (2,3-DBPA) 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) EC No.: - CAS No.: 1522-92-5 2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA) EC No.: 253-057-0 CAS No.: 36483-57-5 2,2-bis(bromomethyl)propane-1,3-diol (BMP) EC No.: 221-967-7 CAS No.: 3296-90-0 2,3-dibromo-1-propanol (2,3-DBPA) EC No.: 202-480-9 CAS No.: 96-13-9	/	7/8/2021	N	
2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers (2R)-3-(4-tert-butylphenyl)-2-methylpropanal EC No.: - CAS No.: 75166-31-3 2-(4-tert-butylbenzyl)propionaldehyde EC No.: 201-289-8 CAS No.: 80-54-6 (2S)-3-(4-tert-butylphenyl)-2-methylpropanal EC No.: - CAS No.: 75166-30-2	/	7/8/2021	N	
4,4'-(1-methylpropylidene)bisphenol	201-025-1	7/8/2021	N	
glutaral	203-856-5	7/8/2021	N	
Medium-chain chlorinated paraffins (MCCP) UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17 Alkanes, C14-16, chloro EC No.: - CAS No.: 1372804-76-6 Alkanes, C14-17, chloro EC No.: 287-477-0 CAS No.: 85535-85-9 di-, tri- and tetrachlorotetradecane EC No.: 950-299-5 CAS No.: - Tetradecane, chloro derivs. EC No.: - CAS No.: 198840-65-2	/	7/8/2021	N	
orthoboric acid, sodium salt boric acid (H3BO3), sodium salt, hydrate EC No.: - CAS No.: 25747-83-5 Boric acid (H3BO3), disodium salt EC No.: - CAS No.: 22454-04-2 Trisodium orthoborate EC No.: 238-253-6 CAS No.: 14312-40-4 Boric acid, sodium salt EC No.: 215-604-1 CAS No.: 1333-73-9 Orthoboric acid, sodium salt EC No.: 237-560-2 CAS No.: 13840-56-7 Boric acid (H3BO3), sodium salt (1:1) EC No.: - CAS No.: 14890-53-0	/	7/8/2021	N	

Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) Phenol, 4-dodecyl, branched EC No.: - CAS No.: 210555-94-5 4-isododecylphenol EC No.: - CAS No.: 27459-10-5 Phenol, 4-isododecyl- EC No.: - CAS No.: 27147-75-7 Phenol, dodecyl-, branched EC No.: 310-154-3 CAS No.: 121158-58-5 Phenol, (tetrapropenyl) derivatives EC No.: - CAS No.: 74499-35-7 Phenol, tetrapropylene- EC No.: - CAS No.: 57427-55-1	/	7/8/2021	N	
(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC) (3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one N° CE : - N° CAS : 1782069-81-1 (1R,3E,4S)-1,7,7-trimethyl-3-(4- methylbenzylidene)bicyclo[2.2.1]heptan-2-one N° CE : - N° CAS : 95342-41-9 (1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one N° CE : - N° CAS : 852541-25-4 (±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one N° CE : 253-242-6 N° CAS : 36861-47-9 (1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one N° CE : - N° CAS : 741687-98-9 (1S,3E,4R)-1,7,7-trimethyl-3-(4- methylbenzylidene)bicyclo[2.2.1]heptan-2-one N° CE : - N° CAS : 852541-30-1 (1R,3Z,4S)-1,7,7-trimethyl-3-(4- methylbenzylidene)bicyclo[2.2.1]heptan-2-one N° CE : - N° CAS : 852541-21-0	/	1/17/2022	N	
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	204-327-1	1/17/2022	N	
S-(tricyclo(5.2.1.0'2,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	401-850-9	1/17/2022	N	
tris(2-methoxyethoxy)vinylsilane	213-934-0	1/17/2022	N	
N-(hydroxymethyl)acrylamide	213-103-2	6/10/2022	N	
reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	473-390-7	17-Jan-2023	N	
Perfluoroheptanoic acid and its salts	-	17-Jan-2023	N	
Ammonium perfluoroheptanoate	228-098-2	17-Jan-2023	N	
potassium perfluoroheptanoate	-	17-Jan-2023	N	
Perfluoroheptanoic acid	206-798-9	17-Jan-2023	N	
Sodium perfluoroheptanoate	243-518-4	17-Jan-2023	N	
Melamine	203-615-4	17-Jan-2023	N	
isobutyl 4-hydroxybenzoate	224-208-8	17-Jan-2023	N	
bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	17-Jan-2023	N	
Bis(2-ethylhexyl) tetrabromophthalate	247-426-5	17-Jan-2023	N	
Barium diboron tetraoxide	237-222-4	17-Jan-2023	N	
4,4'-sulphonyldiphenol	201-250-5	17-Jan-2023	N	
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	201-236-9	17-Jan-2023	N	
1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	253-692-3	17-Jan-2023	N	
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	278-355-8	14-Jun-2023	N	
Bis(4-chlorophenyl) sulphone	201-247-9	14-Jun-2023	N	
Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	700-960-7	23-Jan-2024	N	
Bumetrizole (UV-326)	223-445-4	23-Jan-2024	N	
2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	438-340-0	23-Jan-2024	N	
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	221-573-5	23-Jan-2024	N	
2,4,6-tri-tert-butylphenol	211-989-5	23-Jan-2024	N	

ROHS LIST

NAME	In use in product? Y/N	Comment
Lead (Pb)	N	
Mercury (Hg)	N	
Cadmium (Cd)	N	
Hexavalent chromium (CrVI)	N	
Polybrominated Biphenyls (PBB)	N	
Polybrominated Diphenyl Ethers (PBDE inclusive Deca-BDE)	N	
Bis(2-ethylhexyl) phthalate (DEHP)	N	
Benzyl butyl phthalate (BBP)	N	
Dibutyl phthalate (DBP)	N	
Diisobutyl phthalate (DIBP)	N	